CURRENT FISHERIES STATISTICS NO. 8101

Canned Fishery Products, ANNUAL SUMMARY 1980

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Source of data:–Since 1921, the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration and its predecessor organizations have made annual surveys for statistics on the domestic production of canned fishery products. The data collected include statistics on the production and value of each canned commodity by can size and trade classification. The value shown for the products constitutes the gross amount received by the producer at the production point; no deductions are made for commissions or expenses. Statistics on the Alaska canned pack were furnished by the Alaska Department of Fish and Game.

January 6, 1982

Washington, D.C. 20235
202-634-7366

U.S. DEPARTMENT OF COMMERCE / National Oceanic and Atmospheric Administration / National Marine Fisheries Service

The 1980 pack of canned fishery products in the 50 States, American Samoa, and Puerto Rico was 53.7 million standard cases (1.5 billion pounds) valued at $1.9 billion – increases of 1.8 million standard cases (78.5 million pounds) and $197.4 million compared with the 1979 pack. The 1980 pack for human consumption included 43.2 million standard cases (1.0 billion pounds) valued at record $1.8 billion and for bait and animal food10.6 million standard cases (506.8 million pounds) valued at $145.7 million. The packs of herring and herring specialties, mackerel, natural salmon, smoked salmon, tunalike fish, clams and clam products, clam specialties, and shrimp increased in 1980, but the remaining packs of fish and shellfish declined.

Canned Salmon. The 1980 U.S. pack of natural Pacific salmon reached 4.2 million standard cases, (201.7 million pounds) valued at $403.8 million, compared with 3.1 million standard cases. (150.1 million pounds) valued at $275.2 million packed a year earlier. For the first time since 1949, the Alaska canned salmon pack topped 4 million cases, led by 2.1 million standard cases of pinks, and 1.6 million standard cases of red or sockeye. Alaskan plants accounted for more than 99 percent of the quantity and value of the salmon pack. The Alaskan catch was more than 110 million fish, about similiar to the catch in 1934, when the canned pack was more than 7 million standard cases. However, that was made before the days of frozen salmon and air shipments of fresh salmon to markets in other States. It is estimated that between 4 to 6 million pounds of salmon were flown fresh from Alaska to markets throughout the U.S. during the 1980 season.

Canned Sardines. The pack of Maine sardines (sea herring) was 846,500 standard cases valued at $31.6 million a decrease of 451,300 standard cases and $13.3 million compared with 1979. An additional pack of herring and herring specialties of 135,900 standard cases valued at $10.6 million was packed in 1980 – 64,300 standard cases and $5.7 million more than the 1979 pack. The decline in the Maine sardine pack was attributed to larger size fish which were utilized in the pack of herring specialties.

Canned Tuna. The 1980 U.S. pack of tuna was 30.5 million standard cases (602.1 million pounds) valued at $1.1 billion. This was 893,800 standard cases and 18.2 million pounds less than the 1979 pack, however, the value increase by $39.7 million in 1980. The pack of albacore tuna was 5.5 million standard cases in 1980 – 299,500 standard cases less than the 5.8 million cases produced in1979. Albacore tuna was 18 percent of the pack in 1980. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder of the pack of 25.0 million standard cases – 594,300 standard cases less than the 25.6 million standard cases packed in 1979. Plants in the United States packed 46.8 percent of the total; American Samoa, Hawaii, and Puerto Rico packed the rest. About 32 percent of thetotal supply of canned tuna was packed from U.S. – caught fish, and 58 percent from imported fish. Canned tuna imports made up the remaining 10 percent.

Canned Clams. The U.S. pack of clams (whole, minced, chowder, and juice) was 2.9 million standard cases valued at $66.4 million compared with the 1979 pack of 2.8 million standard cases and valued at $61.1 million. The1980 pack of whole and minced clams of 730,100 standard cases, which was 1,600 standard cases more than the 1979 pack of 728,500 standard cases, accounted for 25 percent of the total pack in 1980. Clam chowder and clam juice (2.2 million standard cases) made up the remaining pack.

Canned shrimp. The 1980 U.S. pack of natural shrimp was 2.4 million standard cases valued at $70.5 million – 933,700 standard cases and $30.4 million more than the 1979 pack. Plants in Louisiana and Mississippi packed 1.8 million standard cases nearly double the pack of the previous year when only 900,000 standard cases were packed. The remaining 600,000 standard cases were packed in Alaska and Washington.

Other canned items. The U.S. pack of jack and Pacific mackerel was 849,800 standard cases valued at $11.5 million in 1980, 267,800 standard cases and $3.8 million more than than the previous year. The pack of tunalike fish (bonito) in 1980, was 224,200 standard cases valued at $5.5 million compared with 75,500 standard cases, valued at $1.6 million a year earlier. In 1980 less than three plants produced the natural pack of oysters. In 1980 the pack of pet food (10 pounds of fish per standard case of 48 one pound cans) was 10.5 million standard cases valued at $144.0 million – 559,900 standard cases more than the 1979 pack, but $2.9 million less. Pet food packed from tuna and mackerel represented 54.8 percent of the pack in 1980 compared to 49.7 percent packed a year earlier.

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SUMMARY OF PRODUCTION, BY PRODUCTS, 1980

Products	Plants	Production			
	Number	Pounds per case	Standard cases	Thousand pounds	Thousand dollars
For human consumption:					
Fish:					
Gefiltefish	4	48	238,044	11,426	9,892
Herring and herring specialities	13	48	135,918	6,524	10,580
Mackerel, jack and Pacific	4	45	849,822	38,242	11,512
Roe and caviar	8	48	13,979	671	3,832
Salmon:					
Natural	87	48	4,201,756	201,684	403,841
Smoked	18	48	1,841	88	451
Pastes, and in sauces	4	48	260	12	61
Sardines, Maine	14	23.4	846,533	19,809	31,554
Sturgeon, smoked	7	48	399	19	126
Tuna:					
Solid	19	21	5,134,332	107,821	236,079
Chunk	13	19.5	24,997,374	487,449	898,057
Flakes and grated	16	18	377,016	6,786	9,391
Total tuna	(1) 19	-	30,508,722	602,056	1,143,527
Smoked, spreads, and with noodles	8	48	4,392	211	320
Tunalike fish (bonito and yellowtail)	4	21-19.5-18	224,193	4,509	5,476
Other fish specialties	17	48	95,578	4,588	3,225
Total fish	-	-	37,121,437	889,839	1,624,397
Shellfish:					
Clams and clam products:					
Whole and minced	13	15	730,072	(2) 10,951	27,448
Chowder	12	30	1,821,948	(2) 54,658	35,648
Juice	10	30	394,458	(2)11,834	3,254
Total	(1) 19	-	2,946,478	(2) 77,443	66,350
Specialties	8	48	153,716	7,378	8,271
Crabs:					
Natural	11	19.5	233,536	4,554	22,809
Specialties	3	48	5,039	242	273
Lobster meat and specialties	3	48	10,253	492	654
Oysters specialties	4	48	126,849	6,089	5,424
Shrimp:					
Natural	18	6.75	2,353,542	(3) 15,886	70,504
Specialties	7	48	22,884	1,098	939
Squid	6	48	83,743	4,020	1,017
Other shellfish specialties	11	48	114,916	5,516	3,185
Total shellfish	-	-	6,050,956	122,718	179,426
Total for human consumption	-	-	43,172,393	1,012,557	1,803,823
For animal food and bait:					
Animal food	24	48	10,548,132	506,310	143,959
Salmon eggs and herring minnows for bait	5	48	10,557	507	1,749
Total for animal food and bait	29	48	10,558,689	506,817	145,708
Grand total	(1) 184	-	53,731,082	1,519,374	1,949,531

(1) Exclusive of duplication. (2) "Cut out" or "drained" weight of can contents is given for whole or minced clams, and net contents for other clam products. (3) Drained weight.

Note:--Data for Alaska are preliminary. Data for other States are final.

VALUE OF PRODUCTION BY STATE AND PLANT COUNT, 1980

State and number of plants	Standard cases	Thousand dollars
Maine (16)	1,854,064	64,310
Massachusetts (1) and Delaware (2)	1,043,167	24,554
New York (4)	149,254	6,046
New Jersey (11)	1,388,342	41,697
Pennsylvania (2) and Virginia (4)	294,965	5,127
North Carolina (3), South Carolina (2), and Florida (2)	208,088	9,650
Louisiana (11)	1,498,294	48,970
Mississippi (5)	3,122,086	28,910
Michigan (2) and Wisconsin (1)	4,802	352
Alaska (70)	4,846,100	424,622
California (11)	20,840,603	620,489
Oregon (4)	2,125	308
Washington (25)	187,008	10,897
Puerto Rico (5), American Samoa (2), and Hawaii (1)	18,292,184	663,599
Total (184)	53,731,082	1,949,531

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

Product	1941	1942	1943	1944 to 1947	1948 to 1951
	Pounds per case				
Sardines:					
Maine	25	20.3	20.3	20.3	20.3
Pacific	48	45	45	45	45
Tuna and tunalike fishes:					
Solid	21	22.5	22.5	45	45
Chunks	-	-	-	(1)	(1)
Flakes	21	18	18	18	18
Mackerel	48	45	45	45	45
Alewives	48	48	45	45	45
Anchovies	48	48	48	48	48
Shad	48	48	48	45	45
Fish flakes	48	48	48	42	42
Oysters	15	15	22.5	22.5	14
Shrimp, wet pact	17.25	21	21	21	15
Clams products:					
Whole and minced	15	15	15	15	15
Juice, chowder, broth, et. al	30	30	30	30	30
Crabs	39	39	39	39	19.5
All other	48	48	48	48	48

Product	1952	1953 to 1957	1958 to 1964	1965 to 1969	1970 to 1980
	Pounds per case				
Sardines:					
Maine	20.3	20.3	23.4	23.4	23.4
Pacific	45	45	45	45	45
Tuna and tunalike fishes:					
Solid	21	21	21	21	21
Chunks	19.5	19.5	19.5	19.5	19.5
Flakes	18	18	18	18	18
Mackerel	45	45	45	45	45
Alewives	45	45	45	45	45
Anchovies	48	31.25	31.25	31.25	31.25
Shad	45	45	45	45	45
Fish flakes	42	48	48	48	48
Oysters	14	14	14	14	7
Shrimp, wet pack	15	15	15	6.75	6.75
Clam products:					
Whole and minced	15	15	15	15	15
Juice, chowder, broth, et. al	30	30	30	30	30
Crabs	19.5	19.5	19.5	19.5	19.5
All other	48	48	48	48	48

(1) Prior to 1952 chunk pack tuna was included with the flake pack.

Note:--The factors listed above were used in converting standard cases reported in the "Canned Fishery Products" bulletins for the years indicated.

PACK OF SALMON, BY MONTHS, 1980

Species	Alaska		Washington	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	15,498	1,375	655	75
Chum or keta	427,964	32,910	10,806	1,142
Pink	2,111,977	169,825	(1)	(1)
Red or sockeye	1,570,561	191,404	8,794	1,715
Silver or coho	49,440	4,546	5,798	819
Total	4,175,440	400,060	26,053	3,751

Species	Oregon		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	263	30	16,416	1,480
Chum or keta	-	-	438,770	34,052
Pink	-	-	2,111,977	169,825
Red or sockeye	-	-	1,579,355	193,119
Silver or coho	(2)	(2)	55,238	5,365
Total	263	30	4,201,756	403,841

(1) Included with chum or keta. (2) Included with the production in Washington.

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight. Salmon were canned in 70 plants in Alaska, 14 plants in Washington, and 3 plants in Oregon.

WASHINGTON AND OREGON SALMON PACK, BY DISTRICTS, 1980

Species	Puget Sound		Columbia River		Coastal		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	425	44	168	17	325	44	918	105
Chum or keta	10,806	1,142	-	-	(1)	(1)	10,806	1,142
Pink	(2)	(2)	-	-	(2)	(2)	(2)	(2)
Red or sockeye	8,794	1,715	-	-	(1)	(1)	8,794	1,715
Silver or coho	1,525	456	-	-	4,273	363	5,798	819
Total	21,550	3,357	168	17	4,598	407	26,316	3,781

(1) Included with Puget sound. (2) Included with chum or keta.

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PUGET SOUNDS SALMON PACK, 1980

Data by Puget sound type of fish not available for 1980

PACK OF MISCELLANEOUS SALMON PRODUCTS, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Smoked	1,841	451	Alaska (7), Oregon (3), and Washington (8)
Pastes, smoked pastes, and in sauces	260	61	Michigan (1), Oregon (1), and Washington (2)
Total	2,101	512	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF TUNA, 1980

Species	Continental United States		Hawaii, American Samoa, and Puerto Rico		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Albacore:						
Solid pack	1,026,186	48,369	3,323,919	156,292	4,350,105	204,661
Chunks	204,941	8,639	760,431	33,095	965,372	41,734
Flakes and grated	43,680	1,372	146,268	4,523	189,948	5,895
Total	1,274,807	58,380	4,230,618	193,910	5,505,425	252,290
Lightmeat:						
Solid pack	388,398	15,324	395,829	16,094	784,227	31,418
Chunks	12,515,744	442,271	11,516,258	414,052	24,032,002	856,323
Flakes and grated	108,810	2,216	78,258	1,280	187,068	3,496
Total	13,012,952	459,811	11,990,345	431,426	25,003,297	891,237
Grand total	14,287,759	518,191	16,220,963	625,336	30,508,722	1,143,527

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 No. ½ tuna cans to the case, each containing 7 oz net weight of solid pack, 6½ oz net weight of chunks, and 6 oz net weight of flakes and grated. The pack of dietetic tuna is included in the totals. Tuna were canned in 5 plants in California, Washington, and Puerto Rico, 2 plants in American Somoa, and 1 plant each in Hawaii and Oregon.

PACK OF TUNA, BY CAN SIZE, 1980

Data for the pack of tuna by can size is not available for 1980

PACK OF MISCELLANEOUS TUNA PRODUCTS, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Smoked, spreads, in sauces, and with noodles	4,392	320	California (1), Maine (1), Michigan (1), Oregon (1), Pennsylvania (1), and Washington (3)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF TUNALIKE FISH, 1980

Specie	Standard cases	Thousand dollars
Bonito, solid pack, chunks, flakes, and grated	224,193	5,476

Note:--"Standard cases" represent the equivalent of 48 No. ½ tuna cans to the case, each containing 7 oz net weight of solid pack, 6½ oz net weight of chunks, and 6 oz net weight of flakes and grated. Tunalike fish were canned in 4 plants in California.

PACK OF MAINE SARDINES, 1980

Style of pack	Standard cases	Thousand dollars
In soybean oil	729,530	27,496
In tomatoe sauce	28,776	762
In mustard sauce and with chili peppers	88,227	3,296
Total	846,533	31,554

Note:--"Standard cases" represent the various size cases converted to the uniform basis of 100 No. ¼ oil cans (3¾ oz net) to the case. Sardines were canned in 14 plants in Maine.

PACK OF MISCELLANEOUS HERRING PRODUCTS, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Spreads and fish	135,918	10,580	Maine (13) and Michigan (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF JACK AND PACIFIC MACKEREL, 1980

State and number of plants	Standard cases	Thousand dollars
California (4)	849,822	11,512

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 15 oz net weight.

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1980

Species, State, and number of plants	Standard cases	Thousand dollars
American Samoa (2), California (8), Hawaii (1), and Puerto Rico (5)		
Total, tuna and mackerel (16)	5,784,060	105,033
California (1), Michigan (1), Mississippi (2), New Jersey (1), Pennsylvania (1), Virginia (1), and Washington (1)		
Total unclassified (8)	4,764,072	38,926
Grand total (24)	10,548,132	143,959

Note:--Each standard case contains 10 or more pounds of fish. An additional pack of 2,067,457 standard cases valued at $17,873,063 had less than 10 lb of fish per case, and is not included in the above pack. "Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF FISH ROE AND CAVIAR, 1980

Product and number of plants	Standard cases	Thousand dollars	State and number of plants
Alewife roe (3)	3,828	175	North Carolina (2) and Virginia (1)
Whitefish roe (3)	1,423	308	New Jersey (1), New York (1), and Wisconsin (1)
Herring roe (1), lumpfish roe (2), salmon roe (2), shad roe (1), and sturgeon roe (2)	8,728	3,349	New Jersey (1), New York (1), Oregon (1), and Virginia (1)
Total exclusive of duplication (8)	13,979	3,832	
Salmon eggs (5) and herring minnows (1) for bait	10,557	1,749	Washington (5)
Grand total (13)	24,536	5,581	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF FISH ROE, CAVIAR, SALMON EGGS AND HERRING MINNOWS FOR BAIT, BY STATES, 1980

State and number of plants	Standard cases	Thousand dollars
New Jersey (1), New York (1), and Wisconsin (1)	9,975	3,635
North Carolina (2), Virginia (2), and Oregon (1)	4,004	197
Washington (5)	10,557	1,749
Total (13)	24,536	5,581

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF MISCELLANEOUS FISH PRODUCTS, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Gefiltefish	238,044	9,892	New Jersey (3) and New York (1)
Sturgeon, smoked	399	126	Oregon (1) and Washington (6)
Alewives, anchovies, bonito, catfish, cod, haddock, shad, sturgeon, wahoo, whitefish and unclassified fish, all the foregoing in various styles including, natural packs, bites, cakes, chowders, dips, flakes, pastes, smoked, in sauces, and stews	95,578	3,225	American Samoa (2), California (2), Maine (2), Michigan (1), New Jersey (3), North Carolina (2) Pennsylvania (1), South Carolina (1), and Washington (3)
Total	334,021	13,243	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF CLAMS AND CLAM PRODUCTS, 1980

Species	Whole and minced		Chowder and juice		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Hard, ocean quahog, soft, surf, and razor	730,072	27,448	2,216,406	38,902	2,946,478	66,350

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 No. 1 picnic cans, each can of whole or minced clams containing 5 oz of meat, drained weight, and each can of chowder, juice, broth, nectar, 10 oz net contents. The pack of clams in the shell is not included. Clams were canned in 6 plants in New Jeresy, 4 plants in Washington, 2 plant each in Delaware, Maine, and New York, 1 plant each in Massachusetts, Pennsylvania, and South Carolina.

CLAM PRODUCTS, BY TYPE OF PACK, 1980

Product and number of plants	Standard cases	Thousand pounds	Thousand dollars
Whole (2) and minced (13)	730,072	10,951	27,448
Chowder (12)	1,821,948	54,658	35,648
Juice (10)	394,458	11,834	3,254
Total, exclusive of duplication (19)	2,946,478	77,443	66,350

PACK OF MISCELLANEOUS CLAM PRODUCTS, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Bisques, dips, in shell, in sauces, smoked, and stews	153,716	8,271	Delaware (2), Maine (1), New Jersey (3), New York (1), and Washington (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF CRAB MEAT, 1980

Species	Standard cases	Thousand dollars	State and number of plants
Blue, dungeness, king, rock and snow	233,536	22,809	Alaska (6), Maine (1), North Carolina (1), South Carolina (1), and Washington (2)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 6½ oz net weight.

PACK OF CRAB SPECIALTIES, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Bisques, deviled, dips, smoked, soups, spreads	5,039	273	Maine (1), South Carolina (1), and Washington (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

NATURAL PACK OF OYSTERS, 1980

Less than 3 firms packed a natural pack of oysters in 1980

PACK OF OYSTER SPECIALTIES, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Chowders, stews, stew bases, and smoked	126,849	5,424	New Jersey (1), South Carolina (1), and Washington (2)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

NATURAL PACK OF SHRIMP, 1980

State and number of plants	Standard cases	Thousand dollars
Alaska (3), Louisiana (10), Mississippi (3), and Washington (2)	2,353,542	70,504

Note:--"Standard cases" represent the various size cases converted to the equivalent of 24 cans to the case, each can containing 4½ oz of shrimp meats drained weight.

PACK OF MISCELLANEOUS SHRIMP PRODUCTS, 1980

Product	Standard cases	Thousand dollars	State and number of plants
Bisques, dips, pasted, and pickled	22,884	939	Delaware (1), Maine (1), Michigan (1), New Jersey (2), Oregon (1), and South Carolina (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF MISCELLANEOUS SHELLFISH PRODUCTS, 1980

Product	Standard cases	Thousand dollars	State and number of plants
American lobster, deviled, dips, meats, newburgs, pastes, spreads, in sauces; spiny lobster in sauces	10,253	654	Maine (1), Michigan (1), and New Jersey (1)
Squid	83,743	1,017	California (5) and New Jersey (1)
Conchs, mussels, oysters, turtles, and other shellfish, all the foregoing in various styles, including, natural packs, chowders, soups, stews, and in sauces	114,916	3,185	Florida (2), Louisiana (1), Maine (2), Michigan (1), New Jersey (2), South Carolina (2), and Washington (1)
Total	208,912	4,856	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF CANNED FISHERY PRODUCTS, 1967-1980

Year	Alewives		Mackerel		Sardines, Maine	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1967	109,929	506	282,958	2,363	1,250,441	13,862
1968	74,768	449	495,424	4,098	1,730,306	19,297
1969	62,260	368	385,646	3,317	1,042,806	11,512
1970	22,538	134	188,609	1,534	806,501	11,227
1971	45,497	378	367,043	3,076	950,821	10,856
1972	12,734	121	305,847	2,618	1,561,535	23,877
1973	1,635	18	63,365	540	995,056	15,688
1974	7,560	138	83,975	921	920,511	21,745
1975	4,390	86	216,411	2,614	1,111,468	24,917
1976	4,315	98	147,629	2,085	1,067,146	24,478
1977	(1)	(1)	686,445	11,869	1,004,108	27,205
1978	(1)	(1)	722,133	9,751	1,127,171	35,641
1979	(1)	(1)	582,026	7,690	1,297,830	44,818
1980	(1)	(1)	849,822	11,512	846,533	31,554

Year	Salmon					
	Washington and Oregon		Alaska		Total Salmon	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1967	608,339	24,040	1,464,006	52,081	2,072,345	76,121
1968	209,717	8,634	3,237,982	109,381	3,447,699	118,015
1969	267,753	12,551	2,283,168	77,735	2,550,921	90,286
1970	257,692	14,096	3,564,508	124,577	3,822,200	138,673
1971	610,398	29,841	2,899,011	107,981	3,509,409	137,822
1972	298,678	15,115	1,635,867	72,255	1,934,545	87,370
1973	285,502	24,688	1,209,755	86,417	1,495,257	111,105
1974	485,718	38,145	1,343,254	98,860	1,828,972	137,005
1975	171,330	14,990	1,383,900	95,424	1,555,230	110,414
1976	141,368	14,573	2,517,202	190,745	2,658,570	205,318
1977	232,459	20,874	2,909,697	222,466	3,142,156	243,340
1978	13,686	1,293	3,408,800	247,260	3,422,486	248,553
1979	51,492	5,386	3,074,892	269,798	3,126,384	275,184
1980	26,316	3,781	4,175,440	400,060	4,201,756	403,841

Year	Tuna		Tunalike fishes		Edible roe and caviar	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1967	19,681,636	261,527	311,346	2,528	53,352	3,474
1968	20,011,690	38,731	214,716	1,837	42,160	4,470
1969	20,097,639	297,456	252,548	2,180	37,997	4,239
1970	22,063,340	380,574	139,541	1,450	23,457	4,096
1971	22,204,973	413,236	285,027	3,316	32,660	4,604
1972	31,210,102	633,313	336,795	4,150	26,587	2,974
1973	32,105,591	704,753	534,309	7,003	186,890	7,183
1974	33,363,933	823,893	393,522	5,726	22,202	3,893
1975	26,801,651	652,635	660,537	10,067	29,504	3,892
1976	30,304,489	853,463	163,355	2,941	17,344	3,515
1977	27,660,237	906,614	473,298	10,635	17,939	6,038
1978	35,635,201	1,273,260	180,429	3,737	20,638	4,139
1979	31,402,481	1,103,849	75,533	1,574	17,006	4,424
1980	30,508,722	1,143,527	224,193	5,476	13,979	3,832

(Continued on next page)

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE (F/SR1)
Washington, D.C. 20235

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PACK OF CANNED FISHERY PRODUCTS, 1967-1980 - Continued

Year	Whole and minced		Clams products Chowder, juice, broth, et al.		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1967	689,131	8,952	1,846,813	12,774	2,535,944	21,726
1968	507,752	6,726	1,807,132	13,718	2,314,884	20,444
1969	432,113	6,957	1,881,363	15,088	2,313,476	22,045
1970	580,239	10,242	1,892,974	15,419	2,473,213	25,661
1971	634,451	9,796	2,048,701	16,548	2,683,152	26,344
1972	703,819	9,274	2,161,426	17,989	2,865,245	27,263
1973	924,748	14,725	2,563,287	23,378	3,488,035	38,103
1974	886,658	16,949	2,499,206	26,157	3,385,864	43,106
1975	903,758	17,855	2,080,526	23,918	2,984,284	41,773
1976	517,180	14,815	1,888,859	24,483	2,406,039	39,298
1977	760,954	26,269	2,068,950	38,252	2,829,904	64,521
1978	659,999	25,383	1,963,146	34,807	2,623,145	60,190
1979	728,514	25,514	2,055,253	35,602	2,783,767	61,116
1980	730,072	27,448	2,216,406	38,902	2,946,478	66,350

Year	Crabmeat, natural		Oysters, natural		Shrimp, natural	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
1967	497,782	16,117	660,374	6,152	2,496,427	24,332
1968	206,099	8,977	650,962	5,625	2,809,965	29,444
1969	257,784	14,331	285,696	2,164	3,071,021	27,730
1970	261,410	10,489	271,968	2,102	3,722,253	37,277
1971	164,770	7,029	483,812	4,814	3,310,385	33,648
1972	128,855	7,008	399,679	4,292	3,525,188	38,713
1973	190,949	13,833	294,054	3,688	3,737,424	55,234
1974	223,472	13,564	282,676	3,266	3,277,192	44,370
1975	168,369	10,078	343,084	4,065	1,838,062	27,650
1976	182,283	13,331	165,577	2,548	2,966,095	48,815
1977	257,055	19,340	146,735	2,687	3,633,345	71,336
1978	255,687	22,300	85,652	1,337	2,489,717	48,794
1979	242,214	23,569	64,351	1,023	1,419,881	40,089
1980	233,536	22,809	(1)	(1)	2,353,542	70,504

Year	Other Edible fish and shelfish	Animal food		Eggs for bait		Total
	Thousand dollars	Standard cases	Thousand dollars	Standard cases	--Thousand dollars--	
1967	17,002	10,397,898	78,256	11,542	1,597	525,563
1968	17,901	10,088,424	82,504	14,146	2,116	583,908
1969	17,431	9,402,632	80,618	12,907	1,856	575,533
1970	19,407	11,243,806	105,232	21,040	3,904	741,760
1971	21,115	10,666,923	101,511	12,009	2,848	770,597
1972	21,796	13,877,134	139,180	10,336	2,247	994,922
1973	39,154	14,496,561	167,308	10,884	3,550	1,167,160
1974	29,789	12,297,427	174,614	10,354	3,817	1,305,847
1975	26,623	12,149,662	147,826	11,805	4,427	1,067,067
1976	35,848	13,751,919	195,839	11,813	2,116	1,429,693
1977	40,949	10,672,247	165,686	(2) 8,641	(2) 4,469	1,574,689
1978	40,366	11,227,312	162,380	(2) 6,738	(2) 2,579	1,913,027
1979	38,511	9,988,203	146,828	(2) 6,882	(2) 3,488	1,752,163
1980	44,418	10,548,132	143,959	(2) 10,557	(2) 1,749	1,949,531

(1) Included with other edible fish and shellfish. (2) Includes a small production of minnows for bait.